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UTILITY PATENT APPLICATION

Attorney Docket No. First Inventor Title

TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. Assistant Commissioner for Patents **APPLICATION ELEMENTS** ADDRESS TO: **Box Patent Application** Washington, DC 20231 See MPEP chapter 600 concerning utility patent application contents. Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or (Submit an original and a duplicate for fee processing) Computer Program (Appendix) Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) specification [Total Pages (preferred arrangement set forth below) Computer Readable Form (CRF) - Descriptive title of the invention Specification Sequence Listing on: - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D CD-ROM or CD-R (2 copies); or - Reference to sequence listing, a table, ii. Daper or a computer program listing appendix Statements verifying identity of above copies Background of the Invention - Brief Summary of the Invention ACCOMPANYING APPLICATION PARTS - Brief Description of the Drawings (if filed) - Detailed Description Assignment Papers (cover sheet & document(s)) - Claim(s) 37 CFR 3.73(b) Statement Power of 10. - Abstract of the Disclosure Attorney (when there is an assignee) English Translation Document (if applicable) Drawing(s) (35 U.S.C. 113) [Total Sheets Copies of IDS Information Disclosure 12. [Total Pages 5. Oath or Declaration Citations Statement (IDS)/PTO-1449 Preliminary Amendment 13. Newly executed (original or copy) Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed) a. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) Certified Copy of Priority Document(s) (if foreign priority is claimed) **DELETION OF INVENTOR(S)** 15 Signed statement attached deleting inventor(s) Nonpublication Request under 35 U.S.C. 122 named in the prior application, see 37 CFR 16. 1.63(d)(2) and 1.33(b). (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Application Data Sheet. See 37 CFR 1.76 17. Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Divisional Continuation Continuation-in-part (CIP) of prior application No.:_ Prior application information: Examiner Group Art Unit: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS V Correspondence address below Customer Number or Bar Code Label Gia Gia ttern(s) Name listed **Address** The Zip Code State City Fax Country Telephone

Registration No. (Attorney/Agent) Name (Print/Type) 7/10/03 Signature

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Approved for use through 04/30/2003. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB

FEE TRANSMITTAL for FY 2003		Complete if Known					
			cation	Numb	per		
		Filing	Date				
Effective 01/01/2003, Patent fees are subject to annual revision.			Name	d Invei	ntor		
			Examiner Name				
Applicant claims small entity status. See 37 CFR 1.27			Art Unit				
TOTAL AMOUNT OF PAYMENT (\$) 375		Attorney Docket No.					
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)					
Check Credit card Money Other None		3. ADDITIONAL FEES					
Deposit Account:		Large Entity Small Entity					
Deposit	Fee Cod	Fee e (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	
Account Number	105	130	2051	65	Surcharge - late filing fee or cath		
Deposit Account	1052	2 50	2052	25	Surcharge - late provisional filing fee or cover sheet		
Name	1053	3 130	1053	130	Non-English specification		
The Commissioner is authorized to: (check eli that apply) Charge fee(s) indicated below Credit any overpayments	1812	2,520	1812	2,520	For filing a request for ex parte reexamination		
Charge any additional fee(s) during the pendency of this application	1804 on	920*	1804	920*	Requesting publication of SIR prior to Examiner action		
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805	1,840*	1805	1,840°	Requesting publication of SIR after Examiner action		
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month		
1. BASIC FILING FEE	1252	410	2252	205	Extension for reply within second month		
Large Entity Small Entity	1253	930	2253	465	Extension for reply within third month		
Fee Fee Fee Fee Pee Pescription Fee Paid Code (\$) Code (\$)	1254	1,450	2254	725	Extension for reply within fourth month		
1001 750 2001 375 Utility filing fee 375	1255	1,970	2255	985	Extension for reply within fifth month		
1002 330 2002 165 Design filing fee	1401		2401		Notice of Appeal	·	
1003 520 2003 260 Plant filing fee	1402		2402		Filing a brief in support of an appeal		
1004 750 2004 375 Reissue filing fee	1403		2403		Request for oral hearing		
1005 160 2005 80 Provisional filing fee	1451	.,	1451		Petition to institute a public use proceeding		
SUBTOTAL (1) (\$) 375	1452		2452		Petition to revive - unavoidable		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUI	: (1,300	2453		Petition to revive - unintentional		
Fee from Extra Claims below Fee Paid	1001	1,300 470	2501 2502		Utility Issue fee (or reissue) Design issue fee		
Total Claims X =	1503	630	2502		Piant issue fee		
Independent 3** = X =	1460	130	1460		Petitions to the Commissioner		
Multiple Dependent	1807	50	1807		Processing fee under 37 CFR 1.17(g)		
Large Entity Small Entity	1806	180	1806		Submission of Information Disclosure Stmt		
Fee Fee Fee Fee Fee Description Code (\$)	8021	40	8021		Recording each patent assignment per		
1202 18 2202 9 Claims in excess of 20	ł	i			property (times number of properties)		
1201 84 2201 42 Independent claims in excess of 3	1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))		
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))		
1204 84 2204 42 ** Reissue independent claims over original patent	1801	750	2801	375	Request for Continued Examination (RCE)		
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application		
			Wher fee (specify)				
SUBTOTAL (2) (\$) "or number previously paid, if greater; For Reissues, see above	*Redu	iced by	Basic F	iling Fe	e Paid SUBTOTAL (3) (\$)		
UBMITTED BY (Complete (if applicable)							
Name (Print/Type) Derek WOOdruff	F	egistreti	on No.		Telephone (808) 696	0784	

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Signature

(Attorney/Agent)

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.